

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	39
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD1602_01_s _ 2012_39				
Comment Code					
Inspector Comment					
The LMA has all the O&M manuals.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	77
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD1602_01_s _ 2012_77				
Comment Code					
Inspector Comment					
The LMA has enough flood materials in case of an incident.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	97
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD1602_01_s _ 2012_97				
Comment Code					
Inspector Comment					
The LMA has solid understanding and most of them have flood preparedness training.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	0.13	Rating **	M	Issue No.	21
LM End	0.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.477233 °	37.480269 °
				-121.081740 °	-121.075104 °
DWR ID	DWR_RD1602_01_f_2015_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD1602_110_21_20160408_00095.jpg



View of the vegetation on the waterside of the levee.

LM Start	0.15	Rating **	M	Issue No.	26
LM End	0.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.477364 °	37.480269 °
				-121.081423 °	-121.075103 °
DWR ID	DWR_RD1602_01_f_2015_26				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.20	Rating **	M	Issue No.	28
LM End	0.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.477706 °	37.477706 °
				-121.080674 °	-121.080674 °
DWR ID	DWR_RD1602_01_f_2015_28				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP_2016_RD1602_110_28_20160408_00094.jpg



Updated picture of the rodent hole on the waterside of the levee during spring 2016 inspection.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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LM Start	0.20	Rating **	M	Issue No.	28 (cont)	
LM End	0.20	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			37.477706 °		37.477706 °
				-121.080674 °		-121.080674 °
DWR ID	DWR_RD1602_01_f_2015_28					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						

Photo 2 of 2 : SP_2016_RD1602_110_28_20160219_00009.jpg



A rodent hole was found on the waterside of the levee.

LM Start	0.47	Rating **	M	Issue No.	31
LM End	0.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.479659 °	37.479659 °
				-121.076419 °	-121.076419 °
DWR ID	DWR_RD1602_01_f_2015_31				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.02	Rating **	U	Issue No.	55
LM End	1.02	Issue Type +	Ma	Location *	WS
Category	Interior Drainage & Piping Systems			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			37.478772 °	37.478772 °
				-121.068454 °	-121.068454 °
DWR ID	DWR_RD1602_01_s_2012_55				
Comment Code					
Inspector Comment					
The outlet headwall is tilting away from the pipe rendering the existing flap gate ineffective. The LMA is planning to repair gap between pipe and headwall and stabilize headwall to prevent further damage.					

Photo 1 of 3 : SP_2016_RD1602_110_55_20160219_00027.jpg



View of the broken headwall on the waterside of the levee during fall 2015 inspection.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	1.02	Rating **	U	Issue No.	55 (cont)	
LM End	1.02	Issue Type +	Ma	Location *	WS	
Category	Interior Drainage & Piping Systems			GPS Latitude/Longitude		
				Start		End
Item	Concrete Tilting / Settlement			37.478772 °	37.478772 °	
				-121.068454 °	-121.068454 °	
DWR ID	DWR_RD1602_01_s _ 2012_55					
Comment Code						
Inspector Comment						
The outlet headwall is tilting away from the pipe rendering the existing flap gate ineffective. The LMA is planning to repair gap between pipe and headwall and stabilize headwall to prevent further damage.						

Photo 2 of 3 : SP_2016_RD1602_110_55_20160219_00028.jpg



View of the broken headwall on the waterside of the levee during spring 2015 inspection.

LM Start	1.02	Rating **	U	Issue No.	55 (cont)
LM End	1.02	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP_2016_RD1602_110_55_20160219_00029.jpg



Separation of outfall structure from the outlet pipe.

LM Start	1.05	Rating **	M	Issue No.	37
LM End	1.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.478567 °	37.478567 °
				-121.067847 °	-121.067847 °
DWR ID	DWR_RD1602_01_s _ 2012_37				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Small amount of slumping at waterside toe of the levee.					

Photo 1 of 2 : SP_2016_RD1602_110_37_20160219_00013.jpg



Updated picture of the depression at the waterside toe of the levee. The picture was taken from the crown of the levee looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	1.05	Rating **	M	Issue No.	37 (cont)	
LM End	1.05	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			37.478567 °		37.478567 °
				-121.067847 °		-121.067847 °
DWR ID	DWR_RD1602_01_s_2012_37					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Small amount of slumping at waterside toe of the levee.						

Photo 2 of 2 : SP_2016_RD1602_110_37_20160219_00014.jpg



Depression at the waterside slope of the levee during Spring 2011 inspection.

LM Start	1.11	Rating **	M	Issue No.	11
LM End	1.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.478371 °	37.478371 °
				-121.066793 °	-121.066793 °
DWR ID	DWR_RD1602_01_s_2013_11				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP_2016_RD1602_110_11_20160219_00002.jpg



Rodent holes were found on the waterside slope of the levee looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	1.11	Rating **	M	Issue No.	11 (cont)	
LM End	1.11	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			37.478371 °	37.478371 °	
				-121.066793 °	-121.066793 °	
DWR ID	DWR_RD1602_01_s_2013_11					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						

Photo 2 of 2 : SP_2016_RD1602_110_11_20160219_00003.jpg



A rodent hole was found on the waterside toe of the levee looking downstream.

LM Start	1.14	Rating **	M	Issue No.	65
LM End	1.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.478285 °	37.478285 °
				-121.066299 °	-121.066299 °
DWR ID	DWR_RD1602_01_f_2012_65				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP_2016_RD1602_110_65_20160411_00096.jpg



Updated picture of the rodent hole on waterside of the levee during spring 2016 inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	1.14	Rating **	M	Issue No.	65 (cont)	
LM End	1.14	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			37.478285 °		37.478285 °
				-121.066299 °		-121.066299 °
DWR ID	DWR_RD1602_01_f_2012_65					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						

Photo 2 of 2 : SP_2016_RD1602_110_65_20160219_00037.jpg



View of rodent hole on the waterside slope of the levee looking upstream during fall 2013 inspection.

LM Start	1.19	Rating **	C	Issue No.	29
LM End	1.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.478297 °	37.475610 °
				-121.065500 °	-121.057955 °
DWR ID	DWR_RD1602_01_f_2015_29				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
This issue is corrected.					

No Photos

LM Start	1.19	Rating **	C	Issue No.	79
LM End	1.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.478324 °	37.478324 °
				-121.065444 °	-121.065444 °
DWR ID	DWR_RD1602_01_s_2012_79				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
This issue is corrected.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	1.53	Rating **	C	Issue No.	34
LM End	1.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.478405 °	37.477004 °
				-121.059862 °	-121.058378 °
DWR ID	DWR_RD1602_01_f_2015_34				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
This issue is corrected.					

No Photos

LM Start	1.66	Rating **	C	Issue No.	20
LM End	1.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.477007 °	37.477007 °
				-121.058372 °	-121.058372 °
DWR ID	DWR_RD1602_01_s_2015_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
This issue is corrected.					

No Photos

LM Start	1.66	Rating **	C	Issue No.	78
LM End	1.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.477004 °	37.475614 °
				-121.058379 °	-121.057953 °
DWR ID	DWR_RD1602_01_f_2015_78				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
This issue is corrected.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	1.69	Rating **	U	Issue No.	18
LM End	1.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.476576 °	37.476576 °
				-121.058174 °	-121.058174 °
DWR ID	DWR_RD1602_01_s _ 2013_18				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD1602_110_18_20160219_00004.jpg



A rodent hole was found on the waterside toe of the levee looking downstream.

LM Start	1.84	Rating **	A	Issue No.	16
LM End	1.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.474555 °	37.474555 °
				-121.057932 °	-121.057932 °
DWR ID	DWR_RD1602_01_s _ 2016_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
LMA removed the vegetation on the waterside slope of the levee.					

Photo 1 of 1 : SP_2016_RD1602_110_16_20160411_00097.jpg



View of an acceptable vegetation on the waterside slope of the levee.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	1.99	Rating **	C	Issue No.	80
LM End	2.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.472322 °	37.470282 °
				-121.057893 °	-121.051785 °
DWR ID	DWR_RD1602_01_f_2015_80				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
This issue is corrected.					

No Photos

LM Start	2.00	Rating **	C	Issue No.	82
LM End	2.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.472198 °	37.467236 °
				-121.057870 °	-121.046905 °
DWR ID	DWR_RD1602_01_f_2015_82				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
This issue is corrected.					

No Photos

LM Start	2.04	Rating **	A	Issue No.	17
LM End	2.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.471585 °	37.471585 °
				-121.057586 °	-121.057586 °
DWR ID	DWR_RD1602_01_s_2016_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD1602_110_17_20160411_00098.jpg



View of an acceptable vegetation on the landside slope of the levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	2.10	Rating **	C	Issue No.	85
LM End	2.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.470858 °	37.470858 °
				-121.057140 °	-121.057140 °
DWR ID	DWR_RD1602_01_s_2012_85				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
This issue is corrected.					

No Photos

LM Start	2.41	Rating **	C	Issue No.	38
LM End	3.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.470282 °	37.459728 °
				-121.051785 °	-121.043070 °
DWR ID	DWR_RD1602_01_f_2015_38				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
This issue is corrected by the LMA.					

No Photos

LM Start	2.67	Rating **	M	Issue No.	19
LM End	2.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.468212 °	37.468212 °
				-121.048096 °	-121.048096 °
DWR ID	DWR_RD1602_01_s_2016_19				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD1602_110_19_20160411_00099.jpg



View of rodent holes on the waterside of the levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	2.93	Rating **	C	Issue No.	83
LM End	3.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.465392 °	37.459728 °
				-121.044755 °	-121.043070 °
DWR ID	DWR_RD1602_01_f_2015_83				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
This issue is corrected by the LMA.					

No Photos

LM Start	2.97	Rating **	C	Issue No.	23
LM End	2.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.464955 °	37.464955 °
				-121.044415 °	-121.044415 °
DWR ID	DWR_RD1602_01_s_2015_23				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
This issue is corrected by the LMA.					

No Photos

LM Start	3.10	Rating **	M	Issue No.	24
LM End	3.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.463563 °	37.463563 °
				-121.042784 °	-121.042784 °
DWR ID	DWR_RD1602_01_s_2016_24				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD1602_110_24_20160411_00100.jpg



View of rodent holes on the waterside of the levee looking upstream.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	3.16	Rating **	M	Issue No.	25
LM End	3.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.462947 °	37.462947 °
				-121.041967 °	-121.041967 °
DWR ID	DWR_RD1602_01_s_2016_25				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD1602_110_25_20160411_00101.jpg



View of rodent holes on the waterside toe of the levee looking upstream.

LM Start	3.80	Rating **	C	Issue No.	86
LM End	3.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.454858 °	37.454858 °
				-121.043364 °	-121.043364 °
DWR ID	DWR_RD1602_01_f_2015_86				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
This issue is corrected by the LMA.					

No Photos

LM Start	3.88	Rating **	C	Issue No.	94
LM End	3.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.453891 °	37.453891 °
				-121.042629 °	-121.042629 °
DWR ID	DWR_RD1602_01_s_2012_94				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
This issue is corrected by the LMA.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	3.93	Rating **	M	Issue No.	62
LM End	3.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.453216 °	37.453216 °
				-121.042127 °	-121.042127 °
DWR ID	DWR_RD1602_01_s_2012_62				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Significant damage to USACE constructed seepage berm due to human activity.					

Photo 1 of 1 : SP_2016_RD1602_110_62_20160219_00034.jpg



Repair damage to USACE constructed seepage berm by pedestrian and cycle traffic.

LM Start	3.96	Rating **	C	Issue No.	47
LM End	3.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.452877 °	37.452877 °
				-121.041862 °	-121.041862 °
DWR ID	DWR_RD1602_01_s_2015_47				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
This issue is corrected by the LMA.					

No Photos

LM Start	3.99	Rating **	C	Issue No.	49
LM End	3.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.452518 °	37.452518 °
				-121.041663 °	-121.041663 °
DWR ID	DWR_RD1602_01_s_2015_49				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
This issue is corrected by the LMA.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	4.00	Rating **	C	Issue No.	51
LM End	4.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.452370 °	37.452370 °
				-121.041482 °	-121.041482 °
DWR ID	DWR_RD1602_01_s _ 2015_51				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
This issue is corrected by the LMA.					

No Photos

LM Start	4.01	Rating **	C	Issue No.	53
LM End	4.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.452242 °	37.452242 °
				-121.041373 °	-121.041373 °
DWR ID	DWR_RD1602_01_s _ 2015_53				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
This issue is corrected by the LMA.					

No Photos

LM Start	4.15	Rating **	C	Issue No.	88
LM End	4.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.450623 °	37.450623 °
				-121.039763 °	-121.039763 °
DWR ID	DWR_RD1602_01_f _ 2015_88				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
This issue is corrected by the LMA.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	4.15	Rating **	C	Issue No.	87
LM End	4.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.450623 °	37.449644 °
				-121.039763 °	-121.038996 °
DWR ID	DWR_RD1602_01_f_2015_87				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
This issue is corrected by the LMA.					

No Photos

LM Start	4.16	Rating **	A	Issue No.	27	
LM End	4.16	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			37.450540 °		37.450540 °
				-121.039681 °		-121.039681 °
DWR ID	DWR_RD1602_01_s_2016_27					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

Photo 1 of 1 : SP_2016_RD1602_110_27_20160411_00102.jpg



View of an acceptable vegetation on the waterside of the levee looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	4.19	Rating **	C	Issue No.	44
LM End	4.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.450195 °	37.450195 °
				-121.039406 °	-121.039406 °
DWR ID	DWR_RD1602_01_f_2014_44				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
This issue is corrected by the LMA.					

No Photos

LM Start	4.19	Rating **	C	Issue No.	46
LM End	4.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.450195 °	37.450195 °
				-121.039406 °	-121.039406 °
DWR ID	DWR_RD1602_01_f_2014_46				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
LMA repaired this issue.					

No Photos

LM Start	4.20	Rating **	A	Issue No.	30
LM End	4.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.450095 °	37.450095 °
				-121.039308 °	-121.039308 °
DWR ID	DWR_RD1602_01_s_2016_30				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
LMA fixed the animal holes in the area.					

Photo 1 of 1 : SP_2016_RD1602_110_30_20160411_00103.jpg



LMA has repaired multiple rodent holes on the landside slope of the levee looking downstream.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	4.20	Rating **	C	Issue No.	56
LM End	4.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.450088 °	37.450088 °
				-121.039307 °	-121.039307 °
DWR ID	DWR_RD1602_01_s _ 2015_56				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled the rodent holes in this area.					

No Photos

LM Start	4.20	Rating **	C	Issue No.	57
LM End	4.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.450088 °	37.450088 °
				-121.039307 °	-121.039307 °
DWR ID	DWR_RD1602_01_s _ 2015_57				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled the rodent holes in this area.					

No Photos

LM Start	4.29	Rating **	C	Issue No.	191
LM End	4.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.448987 °	37.448987 °
				-121.038574 °	-121.038574 °
DWR ID	DWR_RD1602_01_s _ 2014_191				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled the rodent holes in this area.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	4.34	Rating **	C	Issue No.	52
LM End	4.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.448327 °	37.448327 °
				-121.038192 °	-121.038192 °
DWR ID	DWR_RD1602_01_f_2012_52				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled the rodent holes in this area.					

No Photos

LM Start	4.35	Rating **	A	Issue No.	32
LM End	4.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.448149 °	37.448149 °
				-121.038071 °	-121.038071 °
DWR ID	DWR_RD1602_01_s_2016_32				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled all of the animal holes in this area.					

Photo 1 of 1 : SP_2016_RD1602_110_32_20160411_00104.jpg



LMA has repaired the rodent holes on the waterside slope of the levee during spring 2016 inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	4.35	Rating **	C	Issue No.	109
LM End	4.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.448076 °	37.448076 °
				-121.038037 °	-121.038037 °
DWR ID	DWR_RD1602_01_f_2012_109				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled the rodent holes in this area.					

No Photos

LM Start	4.36	Rating **	C	Issue No.	60
LM End	4.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.448033 °	37.448033 °
				-121.037955 °	-121.037955 °
DWR ID	DWR_RD1602_01_s_2015_60				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled the rodent holes in this area.					

No Photos

LM Start	4.52	Rating **	M	Issue No.	35
LM End	4.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.445785 °	37.445785 °
				-121.037774 °	-121.037774 °
DWR ID	DWR_RD1602_01_s_2016_35				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD1602_110_35_20160411_00105.jpg



View of an animal hole on the waterside shoulder of the levee looking downstream.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	4.59	Rating **	C	Issue No.	68
LM End	4.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.444838 °	37.444838 °
				-121.037687 °	-121.037687 °
DWR ID	DWR_RD1602_01_s _ 2015_68				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled the rodent holes in this area.					

No Photos

LM Start	4.68	Rating **	C	Issue No.	89
LM End	5.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.443492 °	37.435795 °
				-121.037742 °	-121.035570 °
DWR ID	DWR_RD1602_01_f _ 2015_89				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
LMA cleared the vegetation on the waterside slope of the levee.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	4.72	Rating **	A	Issue No.	40
LM End	4.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.443019 °	37.443019 °
				-121.037371 °	-121.037371 °
DWR ID	DWR_RD1602_01_s_2016_40				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
LMA removed the vegetation from the slope.					

Photo 1 of 1 : SP_2016_RD1602_110_40_20160411_00106.jpg



View of an acceptable vegetation on the waterside slope of the levee looking upstream.

LM Start	4.77	Rating **	M	Issue No.	74
LM End	4.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.442465 °	37.442465 °
				-121.036947 °	-121.036947 °
DWR ID	DWR_RD1602_01_s_2015_74				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD1602_110_74_20160411_00107.jpg



View of a rodent hole on the waterside toe of the levee.

LM Start	4.89	Rating **	M	Issue No.	90
LM End	5.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.440829 °	37.436202 °
				-121.037054 °	-121.036126 °
DWR ID	DWR_RD1602_01_f_2015_90				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	5.18	Rating **	U	Issue No.	48
LM End	5.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.436785 °	37.436785 °
				-121.036593 °	-121.036593 °
DWR ID	DWR_RD1602_01_s _ 2016_48				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes possibly worsen by help of dogs.					

Photo 1 of 1 : SP_2016_RD1602_110_48_20160411_00108.jpg



View of rodent holes on the waterside of the levee looking downstream.

LM Start	5.29	Rating **	M	Issue No.	75
LM End	5.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.435555 °	37.433277 °
				-121.035362 °	-121.033318 °
DWR ID	DWR_RD1602_01_s _ 2012_75				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 2 : SP_2016_RD1602_110_75_20160219_00045.jpg



Vegetation was found on the waterside slope of the levee looking upstream during fall 2013 inspection.

LM Start	5.29	Rating **	M	Issue No.	75 (cont)
LM End	5.49	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2016_RD1602_110_75_20160219_00046.jpg



Overgrown vegetation was found on the waterside slope of the levee looking upstream.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	04/07/2016 04/07/2016	Pavel Kazi

LM Start	5.30	Rating **	C	Issue No.	102
LM End	5.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.435533 °	37.435533 °
				-121.035371 °	-121.035371 °
DWR ID	DWR_RD1602_01_s _ 2012_102				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

No Photos

LM Start	5.35	Rating **	M	Issue No.	61
LM End	5.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.434732 °	37.433660 °
				-121.035088 °	-121.033838 °
DWR ID	DWR_RD1602_01_s _ 2012_61				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD1602_110_61_20160219_00033.jpg



Vegetation was obstructing the view of the landside of the levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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